

H. Park

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,792

DATE: 11/29/2000
TIME: 23:35:22

INPUT SET: S36154.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

- (i) APPLICANT: Chandrasegaran, Srinivasan
- (ii) TITLE OF INVENTION: A GENERAL METHOD TO CLONE HYBRID
RESTRICTION ENDONUCLEASES USING lig GEN
- (iii) NUMBER OF SEQUENCES: 35
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Cushman Darby & Cushman L.L.P.
(B) STREET: 1100 New York Avenue, NW, Ninth Floor, East
Tower
(C) CITY: Washington
(D) STATE: DC
(E) COUNTRY: USA
(F) ZIP: 20005-3918
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 09/281,792
(B) FILING DATE:
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/575,361
(B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Kokulis, Paul N.
(B) REGISTRATION NUMBER: 16,773
(C) REFERENCE/DOCKET NUMBER: PNK/4130/213779/DJP
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 202-861-3000
(B) TELEFAX: 202-822-0944
(C) TELEX: 6714627 CUSH

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TIME: 23:35:22

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47
48 (2) INFORMATION FOR SEQ ID NO:1:
49
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 23 amino acids
52 (B) TYPE: amino acid
53 (D) TOPOLOGY: linear
54
55
56
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
58
59 Tyr Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
60 1 5 10 15
61
62 Xaa Xaa His Xaa Xaa Xaa His
63 20
64
65 (2) INFORMATION FOR SEQ ID NO:2:
66
67 (i) SEQUENCE CHARACTERISTICS:
68 (A) LENGTH: 24 amino acids
69 (B) TYPE: amino acid
70 (D) TOPOLOGY: linear
71
72
73
74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
75
76 Tyr Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
77 1 5 10 15
78
79 Xaa Xaa His Xaa Xaa Xaa Xaa His
80 20
81
82 (2) INFORMATION FOR SEQ ID NO:3:
83
84 (i) SEQUENCE CHARACTERISTICS:
85 (A) LENGTH: 25 amino acids
86 (B) TYPE: amino acid
87 (D) TOPOLOGY: linear
88
89
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
92
93 Tyr Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
94 1 5 10 15
95
96 Xaa Xaa His Xaa Xaa Xaa Xaa His
97 20 25
98
99 (2) INFORMATION FOR SEQ ID NO:4:

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100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 24 amino acids
103 (B) TYPE: amino acid
104 (D) TOPOLOGY: linear
105
106
107
108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
109
110 Tyr Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa
111 1 5 10 15
112
113 Leu Xaa Xaa His Xaa Xaa Xaa His
114 20
115
116 (2) INFORMATION FOR SEQ ID NO:5:
117
118 (i) SEQUENCE CHARACTERISTICS:
119 (A) LENGTH: 25 amino acids
120 (B) TYPE: amino acid
121 (D) TOPOLOGY: linear
122
123
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
126
127 Tyr Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa
128 1 5 10 15
129
130 Leu Xaa Xaa His Xaa Xaa Xaa Xaa His
131 20 25
132
133 (2) INFORMATION FOR SEQ ID NO:6:
134
135 (i) SEQUENCE CHARACTERISTICS:
136 (A) LENGTH: 26 amino acids
137 (B) TYPE: amino acid
138 (D) TOPOLOGY: linear
139
140
141
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
143
144 Tyr Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa
145 1 5 10 15
146
147 Leu Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His
148 20 25
149
150 (2) INFORMATION FOR SEQ ID NO:7:
151
152 (i) SEQUENCE CHARACTERISTICS:

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153 (A) LENGTH: 25 amino acids
154 (B) TYPE: amino acid
155 (D) TOPOLOGY: linear
156
157
158
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
160
161 Tyr Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa
162 1 5 10 15
163
164 Xaa Leu Xaa Xaa His Xaa Xaa Xaa His
165 20 25
166
167 (2) INFORMATION FOR SEQ ID NO:8:
168
169 (i) SEQUENCE CHARACTERISTICS:
170 (A) LENGTH: 26 amino acids
171 (B) TYPE: amino acid
172 (D) TOPOLOGY: linear
173
174
175
176 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
177
178 Tyr Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa
179 1 5 10 15
180
181 Xaa Leu Xaa Xaa His Xaa Xaa Xaa Xaa His
182 20 25
183
184 (2) INFORMATION FOR SEQ ID NO:9:
185
186 (i) SEQUENCE CHARACTERISTICS:
187 (A) LENGTH: 27 amino acids
188 (B) TYPE: amino acid
189 (D) TOPOLOGY: linear
190
191
192
193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
194
195 Tyr Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa
196 1 5 10 15
197
198 Xaa Leu Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His
199 20 25
200
201 (2) INFORMATION FOR SEQ ID NO:10:
202
203 (i) SEQUENCE CHARACTERISTICS:
204 (A) LENGTH: 23 amino acids
205 (B) TYPE: amino acid

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206 (D) TOPOLOGY: linear
207
208
209
210 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
211
212 Phe Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
213 1 5 10 15
214
215 Xaa Xaa His Xaa Xaa Xaa His
216 20
217
218 (2) INFORMATION FOR SEQ ID NO:11:
219
220 (i) SEQUENCE CHARACTERISTICS:
221 (A) LENGTH: 24 amino acids
222 (B) TYPE: amino acid
223 (D) TOPOLOGY: linear
224
225
226
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
228
229 Phe Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
230 1 5 10 15
231
232 Xaa Xaa His Xaa Xaa Xaa Xaa His
233 20
234
235 (2) INFORMATION FOR SEQ ID NO:12:
236
237 (i) SEQUENCE CHARACTERISTICS:
238 (A) LENGTH: 25 amino acids
239 (B) TYPE: amino acid
240 (D) TOPOLOGY: linear
241
242
243
244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
245
246 Phe Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
247 1 5 10 15
248
249 Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His
250 20 25
251
252 (2) INFORMATION FOR SEQ ID NO:13:
253
254 (i) SEQUENCE CHARACTERISTICS:
255 (A) LENGTH: 24 amino acids
256 (B) TYPE: amino acid
257 (D) TOPOLOGY: linear
258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/281,792

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Original Text

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SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/281,792

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< < THERE ARE NO ITEMS MISSING > >

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SEQUENCE CORRECTION REPORT
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